



Rosemarie Bowler, Ph.D.
8371 Kent Drive
El Cerrito, CA 94530
Tel: 510/236-5599
Fax: 510/236-3370

SAMPLE East Liverpool Feedback Letter

Dear XXXXX,

Thank you again for participating in the East Liverpool Community Health Study investigating the possible health effects of manganese exposure in adults. Enclosed you will find your personal results of the neurological and neuropsychological testing, as well as the results of your blood analysis. Thank you for providing your information to us. If you have questions about your individual results, please email your questions to: ohstudy@sfsu.edu or you can contact me at 510-236-5599.

We very much appreciate your participation in this community study of airborne manganese exposure in adults. It has been a privilege to have your cooperation in our study and we encourage you to contact us if you have additional questions or concerns you would like to discuss.

Sincerely,

Rosemarie Bowler, Ph.D., M.P.H.

Dear «First_Name_1» «Last_Name_1»

The tables below show the behavioral and laboratory test results from your participation in the 2011 East Liverpool Community Health study investigation of effects of air manganese exposure on adults in the community of East Liverpool, Ohio.

Neuropsychological & Neurological Test Results:

<u>Area of function:</u>	<u>Description:</u>	<u>Results:</u>
Motor Speed	Speed of performance of both hands	Wnl (within normal range)
Other Motor	Strength, manual dexterity, and tremor	Outside of normal range
Movement	Body stability, muscle tone, reflexes	Wnl (within normal range)
Attention	Attention, concentration, short-term memory	Wnl (within normal range)
Visual Memory	Long-term visual memory	Wnl (within normal range)
Auditory Memory	Long-term auditory memory	Outside of normal range
Cognitive Flexibility	Ability to perform complicated tasks	Wnl (within normal range)
Mood	Emotional functioning	Wnl (within normal range)

If any of your test results are different from those found in the general population (outside of the normal range), you are advised to consult with your family doctor or a local healthcare provider. Please note that any medical care will be at your own expense. **Note:** Test results outside of the normal range may not result in a diagnosis.



Rosemarie Bowler, Ph.D.
8371 Kent Drive
El Cerrito, CA 94530
Tel: 510/236-5599
Fax: 510/236-3370

Blood Analyses Results:

Lab test	Your Value	Found in General Population
Manganese (Mn) ¹	X µg/L	4.0 to 15 µg/L
Lead (Pb) ²	X µg/dL	1.40 to 4.20 µg/dL
Cadmium (Cd) ²	X µg/L	0.3 to 1.3 µg/L
Mercury (Hg) ²	X µg/L	0.3 to 1.9 µg/L
Ferritin (Ferr-S) ³	X ng/mL	Female: 10 – 120 ng/mL Male: 20 – 250 ng/mL

¹<http://www.atsdr.cdc.gov/toxprofiles/tp151.html> – Chapter 1, p 8

²Based on National Health and Nutrition Survey years 2003–2004, U.S. general population upper 50th and 95th percentile.

Note: The measurement of an environmental chemical in a person's blood does not by itself mean that the chemical causes disease

Toenail Analyses Results:

Lab test	Your Value	Found in General Population
Manganese (Mn)	XXX	XX to XX

Commented [DTL1]: Are there norms for toenail and hair??
If not then may want to take this out??

Hair Analyses Results:

Lab test	Your Value	Found in General Population
Manganese (Mn)	XXX	XX to XX